

WHAT IS CLAIMED IS:

- 1                   1.       A system for performing intraluminal lung volume reduction, said  
2       kit comprising:  
3                   an isolation/access catheter having a proximal end, a distal end, an  
4       occlusion element near the distal end, and at least one lumen extending therethrough;  
5                   a sealing catheter having a proximal end, a distal end, and  
6                   a closure element carried by the isolation/access catheter;  
7                   wherein the sealing catheter may be introduced through the lumen of the  
8       isolation/access catheter and the closure element may be deployed from the  
9       isolation/access catheter.
- 1                   2.       A system as in claim 1, wherein the closure element comprises a  
2       swellable plug.
- 1                   3.       A system as in claim 1, wherein the isolation/access catheter  
2       includes at least two lumens extending therethrough.
- 1                   4.       A system as in claim 3, wherein the isolation/access catheter  
2       further including a fiber optic scope and a light source disposed to permit forward  
3       viewing.
- 1                   5.       A system for performing intraluminal lung volume reduction, said  
2       kit comprising:  
3                   an isolation/access catheter having a proximal end, a distal end, an  
4       occlusion element near the distal end, and at least one lumen extending therethrough; and  
5                   a reagent capable of being introduced to the lung through the  
6       isolation/access catheter lumen, wherein said reagent will clear or widen air passages  
7       within the lung.
- 1                   6.       A system as in claim 5, wherein the reagent is selected from the  
2       group consisting of mucolytic agents, bronchodilators, surfactants, desiccants, solvents,  
3       necrosing agents, and absorbents.
- 1                   7.       A system as in claim 5, wherein the isolation/access catheter  
2       includes at least two lumens extending therethrough.

1                   8.       A system as in claim 7, wherein the isolation/access catheter  
2 further includes a fiber optic scope and a light source disposed to permit forward viewing.

1                   9.       A system for performing intraluminal lung volume reduction, said  
2 kit comprising:

3                         an isolation/access catheter having a proximal end, a distal end, an  
4 occlusion element near the distal end, and at least one lumen extending therethrough; and  
5                         a probe which can be percutaneously introduced into a pleural region over  
6 the lung, said probe being capable of applying external pressure to the lung.

1                   10.      A system as in claim 9, wherein the probe has an inflatable balloon  
2 which engages a surface of the lung.

1                   11.      A system as in claim 9, wherein the probe has a non-inflatable  
2 atraumatic end which engages a surface of the lung.

1                   12.      A system as in claim 9, wherein the isolation/access catheter  
2 includes at least two lumens extending therethrough.

1                   13.      A system as in claim 12, wherein the isolation/access catheter  
2 further includes a fiber optic scope and a light source disposed to permit forward viewing.